

What is claimed is:

1 1. A method of providing autonomic content load balancing, comprising steps of:
2 defining a plurality of alternative versions of content to be served, along with values of
3 one or more conditions under which each of the alternative versions should be selected;
4 receiving a request for the content;
5 determining current values of the conditions;
6 using the determined current values to select one of the alternative versions; and
7 serving the selected version, responsive to the request.

1 2. The method according to Claim 1, wherein the alternative versions are different media
2 types.

1 3. The method according to Claim 1, wherein the request is for a particular Web page and
2 the selected content forms a portion of the particular Web page.

1 4. The method according to Claim 1, wherein the request is for a particular Web page and
2 the selected content comprises a version of the particular Web page.

1 5. The method according to Claim 2, wherein the conditions pertain to system/network
2 conditions.

1 6. A method of using dynamically selectable content versions, comprising steps of:

2 receiving a request for content having selectable versions;
3 identifying one or more conditions associated with the selectable versions;
4 determining current values of the identified conditions; and
5 using the determined current values to select from among the selectable versions to create
6 a response to the request.

1 7. The method according to Claim 6, wherein the request is for a Web page and the content
2 with selectable versions comprises a portion of the Web page.

1 8. The method according to Claim 7, wherein:
2 the Web page further comprises additional portions having selectable versions;
3 the identifying and determining steps are performed for each such additional portions; and
4 the using step uses the selected version of each of the portions when creating the
5 response.

1 9. The method according to Claim 6, wherein the conditions reflect a current load on system
2 and/or network resources and the using step selects the selectable version in view of the current
3 resource load.

1 10. A system for providing autonomic content load balancing, comprising:
2 means for defining a plurality of alternative versions of content to be served, along with
3 values of one or more conditions under which each of the alternative versions should be selected;

4 means for receiving a request for the content;
5 means for determining current values of the conditions;
6 means for using the determined current values to select one of the alternative versions; and
7 means for serving the selected version, responsive to the request.

1 11. The system according to Claim 10, wherein the means for determining current values
2 further comprises means for obtaining measurements collected by an agent.

1 12. A computer program product for using dynamically selectable content versions, the
2 computer program product embodied on one or more computer-readable media and comprising:

3 computer-readable program code means for receiving a request for content having
4 selectable versions;

5 computer-readable program code means for identifying one or more conditions associated
6 with the selectable versions;

7 computer-readable program code means for determining current values of the identified
8 conditions; and

9 computer-readable program code means for using the determined current values to select
10 from among the selectable versions to create a response to the request.